

6 a dynamic user model for storing created facts, the stored facts being accessible  
7 by the agents; and

8 at least one reporter agent for examining created facts, for defining and  
9 identifying reportable facts, and for delivering a copy of the reportable facts to a  
10 receiving client.

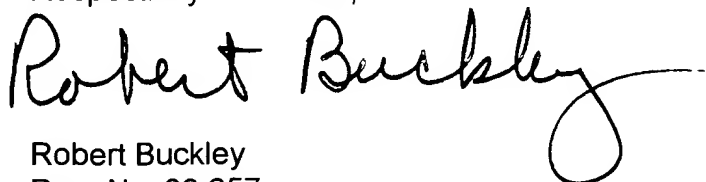
1 2. The system as set forth in Claim 1, wherein the at least one observer agent, and  
2 the at least one reporter agent each defines an independent, concurrent programming  
3 thread.

1 3. The system as set forth in Claim 2, wherein the at least one reporter thread is  
2 triggered by the creation of each new primitive fact, whereby delivery of reportable facts  
3 to a client is triggered by occurrence of monitored events.

1 4. The system as set forth in Claim 1, including at least one fact deriving agent for  
2 examining all existing facts, for creating new facts from one or more existing facts, and  
3 for linking each new fact to a parent fact of the new fact, forming fact nets of linked  
4 facts, and further including all fact nets being stored in the dynamic user model.

1 5. The system as set forth in Claim 4, including a fact pruning agent defining a no-  
2 longer-valid fact and a descendant of a fact, the fact pruning agent eliminating each no-  
3 longer-valid fact and all its descendants from the fact nets.

Respectfully submitted,



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